

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Date of Report: 10/04/00

Date Received: 09/14/00

Project: Metro Self Monitor, PO # M83159

Date Extracted: 09/25/00

Date Analyzed: 09/29/00 and 10/02/00

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE  
FOR TOTAL METALS BY  
INDUCTIVELY COUPLED PLASMA (ICP)  
(METHOD 6010)**

Results Reported as mg/L (ppm)

<u>Sample ID</u> Laboratory ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M83159 009059-01	1.3	0.65	1.3	0.06
Method Blank	<0.05	<0.05	<0.05	<0.05

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

Date of Report: 10/04/00

Date Received: 09/14/00

Project: Metro Self Monitor, PO # M83159

### QUALITY ASSURANCE RESULTS FOR TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Laboratory Code: 009089-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/L (ppm)	1.5	1.4	7	0-20
Copper	mg/L (ppm)	1.2	1.2	0	0-20
Nickel	mg/L (ppm)	1.4	1.3	7	0-20
Zinc	mg/L (ppm)	0.13	0.14	7	0-20

Laboratory Code: 009089-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recovery MS	% Recovery MSD	Acceptance Criteria	RPD
Chromium	mg/L (ppm)	5	1.5	89	89	80-120	0
Copper	mg/L (ppm)	5	1.2	91	93	80-120	0
Nickel	mg/L (ppm)	10	1.4	88	91	80-120	3
Zinc	mg/L (ppm)	5	0.13	104	105	80-120	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	% Recovery LCSD	Acceptance Criteria	RPD
Chromium	mg/L (ppm)	5	107	106	80-120	1
Copper	mg/L (ppm)	5	101	102	80-120	1
Nickel	mg/L (ppm)	10	109	107	80-120	2
Zinc	mg/L (ppm)	5	103	103	80-120	0

009059

RT 9/14/00

BI<sub>2</sub>

## SAMPLE CHAIN OF CUSTODY

*Send Report To:*

Company ALASKA Copper Works

Contact GERALD H. Thompson

Address 628 Haverhill St

City, State, Zip Seattle WA 98134

FAX # 206-382-4309

Date 9-14-00

SITE NO.

PROJECT NAME

PURCHASE ORDER #

7238

metro self monitor

M 83159

SAMPLERS (signature)

### PROJECT LOCATION

3200 6<sup>th</sup> Aug. S.

REMARKS

### SAMPLE DISPOSAL INFORMATION

- ☐ Dispose after 30 days  
☒ Return Samples  
☐ Call for Instructions

[illegible]

SIGNATURE

PRINT NAME

COMPANY

Date \_\_\_\_\_

Time

Relinquished by:

ERNEST A. THOMPSON

Act

9/14/02

13:18

Received by:

Kate Traffon

FB,

9.17.00

1320

Relinquished by:

Received by:



**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

James E. Bruya, Ph.D.  
Charlene Jensen, M.S.  
Bradley T. Benson, B.S.  
Kurt Johnson, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
TEL: (206) 285-8282  
FAX: (206) 283-5044  
e-mail: fbi@isomedia.com

October 4, 2000

**DUPLICATE COPY**

**INVOICE #00ACU1004-1**

Accounts Payable  
Alaskan Copper Works  
628 South Hanford St.  
Seattle, WA 98134

RE: Project Metro Self Monitor, PO # M83159 - Results of testing requested by  
Gerry Thompson for material submitted on September 14, 2000.

1 sample analyzed for Total Chromium,  
Copper, Nickel, and Zinc  
by Method 6010 @ \$80 per sample

\$ 80.00

Amount Due .....

\$ 80.00

FEDERAL TAX ID #(b) (6)

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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October 4, 2000

Gerry Thompson, Project Manager  
Alaskan Copper Works  
628 South Hanford St.  
Seattle, WA 98134

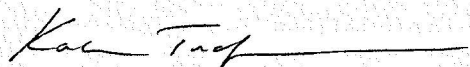
Dear Mr. Thompson:

Included are the results from the testing of material submitted on September 14, 2000 from your Metro Self Monitor, PO # M83159 project. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Kate Trafton  
Project Manager

Enclosures  
ACU1004R.DOC